

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	240	mask\$4 same proces\$4 same sound same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/19 15:11
L2	23	L1 and network\$3 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/19 15:11
L3	213	381/104-109.cds. and (masking mask masked)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/19 15:13
L4	154	L3 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/19 15:13
L5	332	381/97-109.cds. and (masking mask masked)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/19 15:15
L6	214	L5 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/19 15:15
L7	458510	(frequenc\$4) same (gain \$4 or volume or amplitud \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/19 15:17
L8	300	mask\$4 same (proces\$4 or CPU or DSP or computer\$1) same sound same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/19 15:17
L9	32	L7 and L8 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/19 15:17
L10	225	700/94.cds. and (masking mask masked)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/19 15:19
L11	60	10 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/19 15:19

S1	4	((("4686693") or ("4052720"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/04 15:36
S2	9	((KLAUS) near2 (MOELLER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 14:37
S3	90	((("6292830") or ("20020150261") or ("20040131199") or ("20040179699") or ("4319088") or ("5530435") or ("5684469") or ("5907285") or ("5942984") or ("5960390") or ("6133845") or ("6211796") or ("6211796") or ("6424248") or ("6353703") or ("6031914") or ("6061793") or ("6061793") or ("4840386") or ("5544249") or ("4831636") or ("5590108") or ("5734657") or ("5737718") or ("5758316") or ("5982447") or ("6138101") or ("6199038") or ("6230124") or ("6298140") or ("6308150") or ("6370499") or ("6415251") or ("6466752") or ("6930618") or ("20020090224") or ("20030107478") or ("20050008166") or ("20050227651") or ("20060004565") or ("4351475") or ("5530655") or ("5724277") or ("5867748") or ("4052720") or ("4254303") or ("4281295") or ("4376916") or ("4387588") or ("4424704"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/04 15:36

S4	2	"5406634".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/17 11:36
S5	13	((("5406634") or ("4185167") or ("4476572") or ("5689229") or ("4052720") or ("4686693"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/17 11:47
S6	80	("3667101"   "4038648"   "4060294"   "4326107"   "4354226"   "4375010"   "4559410"   "4595799"   "4596982"   "4635192"   "4678251"   "4682457"   "4685255"   "4748913"   "4761811"   "4773867"   "4792955"   "4860343"   "4918690"   "4928303"   "4939728"   "4941143"   "4947484"   "4955018"   "4969146"   "4969147"   "4975831"   "4979107"   "4979183"   "5018138"   "5029180"   "5034882"   "5038320"   "5043531"   "5086385"   "5145387"   "5149277"   "5152698"   "5157273"   "5160276"   "5164609"   "5268666"   "5272277"   "5277006"   "5303320"   "5326934"   "5340326"   "5341615"   "5365658"   "5366388"   "5394748"   "5451714"   "5530435"   "5640069"   "5658166").PN. OR ("5907285").UPFN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 12:01
S7	375	mask\$4 same proces\$4 same hub\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/17 12:06
S8	106	S7 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/17 12:07
S9	30	S7 and network\$3 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/17 12:08
S10	4	mask\$4 same proces\$4 same hub\$4 same sound same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/17 12:17

S11	223	mask\$4 same proces\$4 same sound same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/17 12:18
S12	23	S11 and network\$3 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/17 12:18
S13	53	((("2,081,625") or ("3,980,827") or ("4,010,324") or ("4,052,720") or ("4,319,088") or ("4,685,133") or ("4,686,693") or ("4,741,020") or ("4,829,500") or ("4,899,388") or ("5,058,173") or ("5,313,524") or ("5,327,505") or ("5,361,381") or ("5,732,326") or ("5,781,640") or ("5,818,948") or ("5,828,964") or ("5,852,506") or ("5,864,626") or ("5,937,356") or ("6,035,050"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/17 12:24
S14	2	("5450494").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/17 12:27
S15	205	381/104-109.cds. and (masking mask masked)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/17 12:43
S16	317	381/97-109.cds. and (masking mask masked)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/17 12:44
S17	0	S16 and ((@ad @rlad) ="20010226")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/17 12:44
S18	0	S15 and ((@ad @rlad) ="20010226")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/17 12:44
S19	152	S15 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/17 12:45

S20	433726	(frequenc\$4) same (gain \$4 or volume or amplitud \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/17 14:54
S21	231	mask\$4 same proces\$4 same sound same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/17 14:55
S22	12224484	S20 and S21 @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/17 14:55
S23	25	S20 and S21 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/17 14:55
S24	250	mask\$4 same (proces\$4 or CPU or DSP) same sound same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/17 15:11
S25	279	mask\$4 same (proces\$4 or CPU or DSP or computer\$1) same sound same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/17 15:11
S26	12224492	S20 and S25 @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/17 15:11
S27	32	S20 and S25 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/17 15:12
S28	3	("5406634"   "5487067"   "5798818").PN. OR ("6990382").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 15:14
S29	1	((YOAIV) near2 (SHDEMA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 17:20
S30	1	((YOSSEF) near2 (OREN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 17:21
S31	2	("7379552").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/18 11:29
S32	6	("5313524"   "5386478"   "6118880"   "6954538"   "7076204"   "7095455"). PN. OR ("7379552"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/18 11:30

S33	18	((("4,346,438") or ("4,686,693") or ("5,444,851") or ("5,519,878") or ("5,553,245") or ("5,675,830") or ("6,098,116") or ("20020043938") or ("6,667,690"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/19 12:19
S34	2	("20020072816").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/19 13:29

8/ 19/ 2009 3:22:33 PM

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